

Grade: 4th

Subject: Reading

Group Members:

Computer Info:

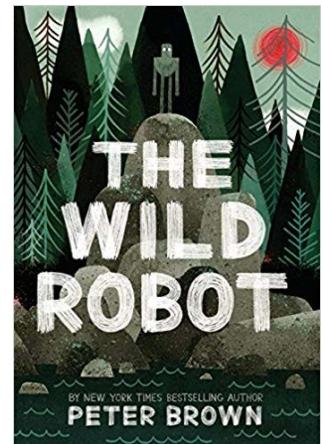
Wild Robot in Minecraft Edu

Background: You have been reading Wild Robot by Peter Brown in reading groups. In the story, a robot named Roz discovers she's alone on a remote, wild island. Roz's only hope for survival is to learn from the island's animal inhabitants.

Design Challenge: As the story progresses, Roz the robot changes from a brand new shiny robot to a "wild" robot. Pick one of the chapters and rebuild Roz in Minecraft Edu based on her description in that chapter and place her in a scene. If time permits, add other characters and props from the scene. Add posters, boards, or slates with info about what you created. Use the camera tool to take pictures of the Roz you built.

Criteria:

- The Roz model you build reflects the description in the chapter you pick.
- Posters, boards, and slates are correct, informative, and describe your creation.
- Pictures are taken of Roz using the camera tool.
- All group members contributed to the creation.



Materials: any block in Minecraft Edu that meet the build criteria.

Tools: Laptops with Minecraft Edu installed

Process

Problem to solve:

State the problem in your own words.

Brainstorm (Explore) Ideas to Meet the Design Criterial

Questions to consider:

1. Which description of Roz will from the book will you use?
2. What Minecraft materials will you use to build Roz?
3. What will the signs or info blocks have written on them?
4. How will each group member contribute in the virtual world?
5. What are the expectations of each group member?

Design Drawing and Plan for Building Prototype

Test, Evaluate (After Testing the Design), Redesign Plan (Repeat this step as often as necessary.)

Testing: What was tried? What was the result?

Evaluating: Does it meet one or more of the design criteria?

Redesigning: What changes could we make for a design that meets more of the criteria?

Rubric:

Criteria Assessed	No Evidence 0	Attempts to meet criteria shows limited understanding 1	Meets some criteria with room for improvement 2	Meets most criteria with room for improvement 3	Meets all criteria 4
Guided Portfolio The problem is restated. A clear plan for the Ocean model is indicated. Students discussed and answered the brainstorming questions. Student reflected on the project and evaluated their own work.					
Project All parts of the ocean floor must be evident and represented in the model. (Continental shelf, Continental slope, Continental rise, Abyssal Plain, Trench) Each model will need to have a clear path that other students can "travel" through to take a tour of your ocean floor. Signs or information blocks must be used and be correct, informative, and placed near the features of the ocean floor. Geological, physical, and biological characteristics are included in the model and information is provided on signs. All group members contributed to the construction of ocean floor model. If time permits, record a video tour of your ocean floor model using PowerPoint or Flipgrid.					
Oral Presentation/Group Work The student uses grammatically correct language. The student uses clear and specific vocabulary to communicate ideas. The student speaks clearly. The student uses appropriate volume and pitch. The student speaks at an understandable rate. The student worked cooperatively with his or her group and was an effective group member.					